Author Index

Aabakken L 1 Aadland E 790, 1216 Aase S 353 Aasen AJ 135 Abol-Fotouh M 562 Acheson DWK 777 Ackerman Z 110 Adamek HE 1157 Adamek MU 1157 Adamek RJ 1153 Addolorato G 335 Adler G 750 Ahmed ME 562 Ahola T 898 Aiba Y 238 Akahane T 1033 Åkerbrant H 1230 Al-Knawy B 562 Alhava EM 308 Allan RN 708, 1019 Alm T 1230 Altomarc G 220 Alvarez R 303 Alvarez V 303 Alvisi V 828, 943 Amengual M 331 Anania MC 1099 Andersen IB 1144 Andersen TC 894 Andersen V 618, 813 Aoki T 948 Aoyagi K 703 Arai H 384 Arango D 68 Archimandritis A 219 Ardizzone S 1103 Arendt-Nielsen L 765, 1001 Arhan P 144 Ariche A 939 Arnqvist HI 904 Arokiasamy JT 639 Arola H 898 Artaza T 331 Aru A 46 Arveschoug A 587 Ashley SW 439 Atuma C 1183 Atzmon Y 259 Audrezet M-P 831 Aussel C 29 Axelson J 1224 Axon ATR 1077

Baba S 384
Badart-Smook A 1108
Bahler A 623
Bain IM 708
Bakhtiarian A 962
Balboni A 943
Balzano A 658
Barattini P 757
Barbarini G 928
Barbaro G 928
Bardella MT 1257
Bardram L 1144
Barrett T 524

Ayesh R 524

Bartoloni C 757 Basilisco G 25 Baudet J-S 878 Bayerdörffer E 954 Becker A 1132 Becker U 325 Beier-Holgersen R 98 Bell H 194, 529 Bendtsen F 325 Benz C 1157 Berdal BP 135 Berg JP 529 Berg PA 623 Bergan T 135 Bergmann J-F 29 Berstad A 580, 849, 1247 Bey-Omar F 1260 Bianchi PA 25 Bianchi Porro G 225, 1103 Bijleveld CMA 35 Bird NC 421 Bisgaard T 845 Biarnason I 491 Bjerke-Larssen T 1247 Bjerregaard B 46 Bjerring P 409 Björk J 1230 Bjørnbeth BA 1042 Bjøro K 194, 714 Blomhoff S 103 Blondon H 29 Boberg KM 824 Bodemar G 85, 250, 993, 1057 Bodger K 856 Boeck W 750 Boedeker C 1153 Boesby S 653 Bolling-Sternewald E 566 Bondesen S 723 Borly L 1144 Bornstein SR 954 Bouglé D 144 Boverhoff R 35 Braagaard J 629 Brandstrup B 98 Breidert M 954
Brennan PC 68 Brensing K-A 297 Bressi C 287 Brummer R-JM 1108 Bülow S 808 Buskens E 391 Buskila D 259 Butler RN 689 Butruk E 743

Caballero-Plasencia AM 772
Caderni G 1168
Cahlin C 367
Caldwell SH 883
Capella GL 220
Capristo E 335
Caras SD 883
Cario E 485, 1132
Carlsson R 454
Carmel S 259

Buttmann A 1157

Byard RW 591

Carneiro AJV 889 Carroccio A 729 Carvalho ATP 889 Caselli M 828, 943 Casis B 632 Castagliuolo I 1203 Castellano VM 632 Cervera C 878 Chadwick VS 987 Chalkiadakis G 396 Chan CC 520 Chang CS 234 Chang FY 520, 1071 Chen G 948 Chen GH 234 Chen J-M 831 Chen JDZ 883 Chen W 987 Cheng Y 915 Chess-Williams R 421 Chiamenti CM 943 Christensen E 723, 1144 Christensen T 1042 Chu CJ 520 Ciaccia A 828 Cichy WK 202 Clemmesen JO 921 Cohen P 110 Colina F 632 Collard F 1236 Collin P 163 Collins A 909 CONSTRUCT Group, the 194 Conte D 1257 Coppola R 757 Costanzo M 757 Coto E 303 Court-Payen M 618 Coyle P 689 Crane R 491 Crusius JBA 276

D'Ambrosi A 943 Dahlerup JF 199 Dahlgren A 135 Dalgaard P 921 Dargent J-L 445 David MP 315 Davies DC 113 Deakin M 4 de Franchis R 287 De Mas Chr-R 1065 De Souza HSP 889 De Vincenzi M 1099 de Wit NJ 391 Di Cello T 1099 Dickson RC 883 Dignass AU 485, 696, 1132 Di Grigoli C 729 Di Leo A 79 Di Lorenzo G 928 Di Martino D 729 Di Prima L 729 Distante S 529 Di Tola M 1099 Djahanguiri B 962

Cuche G 149

Dolara P 1168 Doria G 757 Drewes AM 765, 1001 Duan R-D 915 Dumitrescu L 29 Durieu I 1260 Durupt S 1260

Egekvist H 409 Ehninger G 954 Eid R 1055 Elder JB 4 Elia CCS 889 Eliakim R 110 Ellenrieder V 750 El-Salhy M 1007, 1196 Elzinga H 35 Engstrand L 1183 Ericzon BG 714 Eriksson J 1196 Eriksson LS 341 Eriksson S 41 Errani AR 757 Esaki M 703 Eskelinen M 833 Esteban-Carretero JM 772 Ettarh RR 68

Fabbri L 828 Fagerhol MK 50, 1216 Fait G 315 Falch JA 790 Faller G 375 Fändriks L 454 Farinella E 729 Färkkilä M 170, 1178 Farrell WE 4 Farstad IN 824 Farup C 870 Farup PG 575, 1169 Faulkner-Hogg KB 784, 909 Fausa O 611 Feher J 175 Fenger C 73 Ferec C 831 Ferrante LC 942 Fertakis A 219 Festi D 942 Fich A 259 Flemström G 1093 Foberg U 85 Fölsch UR 208 Folvik G 1247 Fonager K 199 Fracchiolla C 220 Frank L 870 Franzen LE 85 Frasca D 757 Fraser-Moodie CA 337 Fredäng N 1224 Frigerio E 220 Friman S 535, 714 Frydén A 85 Fuchs W 551 Fujioka T 474 Fujishima M 703 Fukuda K 1117

Fukuda M 663 Fukuda S 1077 Fukudo S 478 Fukui H 1033 Fukushima K 291 Furuse M 703 Furuta T 384 Futami H 384

Galatius S 921 Galle TS 808 Gámez J 878 Gammelsæther M 135 Gandini E 943 Garcia JF 331 García-González MA 175 Gasbarrini G 335, 757 Geerling BJ 1108 Gernow A 1144 Geypens B 1153 Giancaspro G 928 Giboudeau J 29 Giercksky T 824 Gilja OH 1247 Gisbert JP 644 Glasbrenner B 750 Glasow A 954 Gløgård C 135 Goebell H 485, 696, 1132 Goetze O 1153 González C 331 Gordon D 315 Gornall C 337 Greco AV 335 Greco R 1099 Greiner L 1241 Gries N 676 Grisorio B 928 Groutz A 315 Guarino A 729 Guidi L 757 Guin E 606 Günther T 138 Gustafsson A 580 Gut A 676 Gutigard BG 194 Gyntelberg F 12, 219

Hackelsberger A 138 Haglund U 833 Hahn EG 375, 496 Haidan A 954 Hall C 4 Hallberg M 1057 Hallböök O 250 Halm U 954 Halme L 170, 426 Halter F 676 Halvorsen S 824 Hamlet A 367 Hanai H 384 Hanck C 221 Hansen EF 325 Hansen JM 618 Hansen S 353 Harada M 432 Harder H 551 Harthug S 194 Haug E 529 Hausken T 1247 Havranek EG 516

Hayakawa T 346 Heatley RV 856 Hedenström H 341 Heer R 676 Heilmann C 623 Hein HO 12, 219 Heine R 967 Heino AA 308 Heldmann U 1253 Heliö T 170 Heller J 297 Hellström PM 1012 Hellum K 194 Hennig EE 743 Henriksen JH 325 Heriot AG 113 Herold A 449 Herrerias-Gutiérrez JM 772 Herz R 471 Herzig K-H 202 Heydom S 818 Hidaka H 55 Hiltunen K-M 185 Hirano H 663 Hirv K 1025 Hjalt C-Å 974 Hjortrup A 714 Höckerstedt K 426, 714 Hoff GS 103, 414 Højgaard L 325, 1144 Holm K 163 Holm L 1183 Holmes GKT 337 Honda K 264 Hongo M 478 Hopman WPM 404 Horikawa Y 1190 Horst G 1123 Hosokawa M 1117 Hou MC 520, 1071 Hovde Ø 575 Howarth GS 591, 689 Hui A-M 737 Huizinga JD 683 Hultcrantz R 1230 Hunt RH 244 Husebye E 1012 Hvattum E 1042 Hwang SJ 520

Igarashi M 798, 1162 Ihara A 1162 Iida M 264 Ikeda S 1162 Inauen W 676 Ingels H 845 Inoue K 346 Inoue M 1190 Iselius L 1230 Ishitani MB 883 Isokoski M 898 Isolauri JO 117 Isomoto H 346 Isoniemi H 426, 714 Ito H 1139 Iwarzon M 121

Jacobsen NO 541 Jacyna MR 361 Jaffa A 315 Jagt TG 1123

Jahnsen J 790 Jakobs R 1157 Jamal A 562 Jamsin S 445 Jansen JBMJ 404 Janssen HAM 546 Jaramillo E 504 Järnerot G 904, 1055 Jayalakshmi P 639 Jellum E 353 Jensen HS 587 Jeppesen PB 818 Jo Y 703 Johnsen R 465 Johnson AG 421 Jokela H 898 Jónsson A 974 Jönsson C 454 Jørgensen OD 73 Jost WH 449 Jousimies-Somer H 967 Juel K 808 Jung HC 215 Juvonen PO 308

Kahlil A 606 Kajiyama G 1190 Kallenberg CGM 1123 Kamiya S 663 Kaneko E 384 Kärkkäinen P 426 Karvonen A-L 898 Kashiwagi H 948 Katsumata T 798, 1162 Kaukinen K 163 Kawaguchi T 432 Kawakami H 663 Keevalik R 864 Kehlet H 1144 Keiding S 714 Keighley MRB 180, 280, 708, 1019, 1212 Kerckhaert J 276 Keusch GT 777 Kiel G 551 Kim CW 215 Kim CY 215 Kim JS 215 Kirchner T 375 Kirkegaard P 714 Kist M 623 Kjeldsen BJ 509 Klaveness J 135 Kleibeuker JH 2, 1123 Klein R 623 Kleinman L 870 Knottnerus JA 546 Kobayashi K 1162 Kodama M 1117 Kodjo A 29 Koetse HA 35 Koga H 432 Koga Y 238 Kohno S 346 Koivula T 898 Kojima H 1033 Kontula K 170 Konturek PC 375 Konturek SJ 375

Köpe A 175

Kordecki H 566

Kovács A 175

Krämer M 1065 Kreisel W 623 Krishnan S 777 Kristeleit H 297 Kristinsson J 1216 Krogh K 409 Kronborg O 73, 509 Kruse A 541 Kudo H 55 Kuijpers JHC 404 Kull K 1025 Kumar D 113 Kuo BI-T 1071 Kuriyama S 1033 Kurohiji T 432 Kuroki F 264 Kuroki S 981 Kusaba K 981 Kuyvenhoven JPh 1082

Labori KJ 1042 Laccetti M 658 Lande K 529 Langmark F 414 Lankisch PG 945 Larsen FS 921 Larsen S 813 Larsson J 156 Latza U 1025 Laurberg S 409 Lauritzen T 189 Lazzaroni M 225 Le Couteur DG 735 Lebeurrier F 144 Lee FY 520, 1071 Lee SD 520, 1071 Leiss O 449 Lespagnard L 445 Lessing JB 315 Levy I 939 Lewin-van den Broek NT 391 Li CP 520 Lie RT 18 Lie SA 18 Liesnard C 445 Limburg PC 1123 Lin HC 520, 1071 Lin Z 883 Lindberg C-G 1050 Lindberg G 121 Lindgren J 156 Lindsetmo R-O 465 Linsalata M 79 Lioniello M 658 Lithner F 1196 Løberg EM 1216 Loblay RH 784, 909 Locati A 25 Löfroth G 974 Lönroth H 367 Looi LM 639 Lovig T 611 Lu RH 520 Lundell L 454 Lund-Tønnesen S 580 Luo JC 520 Luostarinen MES 117 Luypaerts A 1153 Lyberg T 1042

Maaroos H-I 864 Maconi G 1103

Madsen SM 1253 Mæland A 194 Magnago S 337 Majak BM 414 Mäki M 163 Mäkisalo H 426 Makuuchi M 737, 934 Malagelada J-R 878 Malbert C-H 149 Malfertheiner P 138 Man WK 516 Manes G 658 Mann K 696 Marcuccitti J 942 Mardell CE 591 Marre P 750 Martin P 974 Martinek J 92 Martin-Ruiz JL 772 Mathan M 777 Mathiesen UL 85 Matikainen M 185, 601 Matsumoto T 264, 703 Matsuno S 291 Matsuo T 346 Matsuoka H 478 Matzen P 1144 Maxwell PR 113 Mazarro A 331 Mclean AJ 735 Mearin F 878 Medhus AW 1012 Meijer JWR 276 Meineche-Schmidt V 566 Meining A 471 Meixner H 375 Melby KK 353 Melenovsky V 92 Merasto M 308 Mercier B 831 Messa C 79 Meucci G 287 Meyer-Alber A 208 Midtvedt T 580 Miehlke S 954 Mieno H 1190 Miettinen P 591 Miki C 1139 Mikkola H 170 Miner P Jr 870 Mingrone G 335 Mirdad S 562 Mitchell S 524 Mitomi H 798, 1162 Mitoro A 1033 Mitsuishi Y 474 Miwa T 238 Miyazaki M 346 Mizuta Y 346 Modolell I 878 Molinder H 1057 Möller P 1050 Molnár T 175 Montalto G 729 Moore DJ 591 Morávek J 92 Morad N 562 Mortensen PB 818 Mosca S 658 Mowinckel P 790 Mulder CJJ 276 MULGO Group, The 1144

Madsen J 325

Multicenter Interferon Beta Italian Group Investigators, The 928 Munakata A 1077 Muñoz MT 632 Murakami K 474 Murase K 346 Muris JWM 546 Murphy B 491 Mylonakis E 708 Myrvang B 194 Myschetzky PS 1253

Nagasawa Z 981 Nagengast FM 404 Nagy F 175 Naito H 291 Nakamura H 1117 Nakano H 703 Nakatani T 1033 Näslund E 1012 Nasu M 474 Nelis GF 1123 Nemetz A 175 Neri M 942 Nettesheim O 954 Netzer P 676 Neuberger J 642 Neumann L 259 Nevado M 632 Nielsen J 765, 1001 Nilsson Å 915 Nishizono A 474 Nomura T 478 Nordentoft T 894 Nordlinger B 606 Norheim Andersen S 611 Norin E 580 Norrgård Ö 1007 Norton B 337 Notarbartolo A 729 Nouwynck C 445 Nove Josserand R 1260 Numans ME 391 Nuutinen H 1178 Nyfors S 967 Nygaard K 1216 Nyström C 367 Nyström F 904

Oda T 474 Ødegaard S 1247 Ohishi M 432 Ohlsson B 1224 Ohlsson L 566 Ohtani Y 1162 Oka M 264 Okamoto S 1033 Okayasu I 798, 1162 Okholm M 653 Okimoto T 474 Okong P 491 Oksanen A 714 Olafsson S 849 Olaison G 156 Olausson M 535, 714 Olsen O 845, 894 Olsson R 535 Omura N 948 Onita K 346 Onomura M 1117

Orban Z 954 Orlando RC 454 Osaki T 663 Öst Å 121 Øster-Jørgensen E 671 Ostrowski J 743 Ott P 921 Ovesen H 629 Ova M 1117

Paajanen HEK 308 Painter D 909 Pajares JM 644 Palotie A 170 Pap A 566 Papi A 828 Papi JAS 889 Papponetti M 942 Parc R 606 Parente F 1103 Pareti F 287 Patel AG 439 Paulsen JE 1216 Pedersen JF 894 Pedersen L 199 Pedersen SA 671 Peitz U 138 Pellicelli A 928 Peña AS 175, 276 Peracchi M 25 Pérez R 303 Perk G 110 Permert J 156 Pernet P 29 Petersen P 765, 1001 Petrakis IE 396 Pettersson A 367 Pfaffenbach B 1153 Pfister M 676 Pfützer R 551 Philcox JC 689 Phull PS 361 Picarelli A 1099 Pierzchalski P 375 Pimentel ML 889 Piotrowski J 129, 459 Pogány K 1123 Poon SK 234 Pothoulakis C 1203 Pricci M 79 Price AB 361 Prip A 618 Puggaard L 629 Pulimood AB 777, 1087

Quatrini M 1257 Quere I 831 Qvist N 671 Qvist P 587, 765

Ræder MG 1042 Ragnarsson G 250, 993 Rahgozar M 962 Raithel M 496 Raknerud N 194 Ramakrishna BS 777, 1087 Rämö OJ 1178 Randrianarisolo M-H 29 Rantala I 163 Rantanen TK 229 Rasmussen A 325 Rasmussen HH 199 Rasmussen L 671 Rasmussen M 73 Rasmussen OØ 1253 Rasmussen V 629 Rautanen K 974 Read LC 591 Reber HA 439 Reber PU 439 Regula J 743 Rehfeld JF 845, 1144 Reunala T 163 Revhaug A 465 Riber C 46, 845 Riccioni ME 757 Richter C 750 Riddell RH 55 Riegler M 1203 Riemann JF 1157 Rink L 1025 Rippin G 1065 Ritland S 194 Rodrigo L 303 Rodriguez M 303 Rodriguez R 331 Rofe AM 689 Roger V 606 Rognum TO 611 Rokkjær M 541 Roland N 144 Roozendaal C 1123 Rosenberg J 629 Røseth AG 50, 1216 Rössel P 587, 1001 Rossol S 221 Rostami K 276 Roufosse C 445 Rubio CA 504 Ruina M 828 Russo F 79

Sabbatella L 1099 Sada M 798, 1162 Sadakane Y 981 Säfsten B 1093 Saibeni S 287 Saigenji K 798 Saito H 55 Saito T 1117 Sakisaka S 432 Sakorafas GH 1171 Salaspuro M 967 Salaspuro V 967 Saldeen K 535 Salemans JMJI 404 Salhadin A 445 Salminen JT 1178 Salo JA 229, 1178 Salupere R 1025 Sánchez JJ 331 Sandberg-Gertzén H 1055 Sandha GS 244 Sandstad O 1012 Sartori S 828 Sasaki I 291 Sasatomi K 432 Sata M 432 Sauar J 103, 414 Sauer PJJ 35 Sauerbruch T 297 Sawatani I 264

Savdain G 562 Schaube J 471 Scheel Thomsen A 974 Schiltz E 623 Schiødt FV 723 Schmid V 566 Schmidt I 945 Schmidt PN 50 Schmidt WE 208 Schneider ARJ 1157 Schneider HT 496 Schorah CJ 361 Schrank B 449 Schroeder TV 325 Schrumpf E 1, 824 Schulte C 696 Schultze V 138 Sciacca V 396 Scott-Coombes DM 516 Seebeck J 208 Seensalu R 121 Sehested A 1144 Seidi O 562 Seier Poulsen S 541 Seifert E 1065 Seilnacht G 623 Seino Y 1117 Selby WS 784, 909 Seyfarth M 1025 Shalit Y 259 Shatoor A 562 Shetye J 504 Shimizu K 238 Shimokawa I 346 Shimoyama T 1077 Shin KH 215 Shirai N 384 Shu D 987 Siegel A 623 Siegel EG 208 Siitonen A 967 Silano M 1099 Simmonds P 194 Simpanen J 1178 Singer MV 221, 551 Sipponen P 864 Sjöberg K 41 Skak C 921 Skaug K 194 Sletting S 618 Slomiany A 129, 459 Slomiany BL 129, 459 Smith R 524 Smout AJPM 391 Söderholm JD 156 Soldini M 928 Solis-Herruzo JA 632 Soma Y 55 Song IS 215 Sonne J 618, 813 Søreide O 1, 18 Sørensen H 653 Sørensen HT 189, 199 Soresi M 729 Spamer C 623 Spångéus A 1196 Spengler U 297 Sperber AD 259 Spicák J 92 Spigelman AD 545 Spinnell S 1007 Stage L 367 Stage P 1144

Stål P 121
Steffensen FH 189, 199
Stellaard F 35
Stephan F 551
Stern HS 683
Stockbrügger RW 1108
Stolte M 471, 954, 1065
Strandberg C 325
Ström M 904
Sturm A 1132
Suadicani P 12, 219
Sugawara Y 934
Suhr O 1196
Sundset A 1216
Suzuki Y 948
Svanes C 18
Svanes K 18

Tadano J 981 Tagliabue R 25 Taguchi H 663 Takada K 934 Takagi A 238 Takahashi H 1162 Takahashi K 291 Takala JA 308 Takashima M 384 Takeshima F 346 Talley NJ 566 Tammur R 864 Tanabe I 981 Tanaka M 55, 1077 Taniguchi E 432 Taniguchi T 1117 Tanikawa K 432 Tauschel H-D 915 Taylor C 491 Taylor L 870 Tenhunen JJ 308 Terrani C 25 Teyssen S 551 Thiis-Evensen E 103, 414 Thoelen S 1236 Thompson JN 516 Thomsen HS 1253 Thoring M 341 Thorsen H 509 Thulstrup AM 189 Tiainen J 185, 601 Tierney S 516 Tiellesen L 336 Toftdahl DB 1144 Toikkanen V 1178 Tominaga M 1117 Tonelli F 1168 Tønnesen H 46, 629 Toroudi HP 962 Torp R 575 Toss G 904 Tettrup A 541 Toyama MT 439 Toyokawa Y 1033 Tran CD 689 Trevisani L 828 Trezza M 409 Tricerri A 757 Trovato C 1257 Trzeciak L 743 Tsiotou AG 1171 Tsujinoue H 1033 Tsukada H 1117

Tulassay Z 175

Turunen UM 170 Tygstrup N 723 Tzivras M 219

Uesugi H 1162 Uibo R 864, 1025

Valdimarsson T 904 Valenzuela-Barranco M 772 van Battum PLH 404 van Beukelen FR 276 Van Damme P 1236 Vandenbroucke JP 1082 van der Meer R 35 Vanderscheuren B 445 Vangeli M 757 Van Herck K 1236 Vassilakis SI 396 Vatn MH 414 Vecchi M 287 Veenendaal RA 1082 Veldhuyzen van Zanten SJO 244 Velio P 25 Venkatraman A 1087 Verheij TJM 391 v Houwelingen AC 1108 Vieth M 1065 Villako K 864 Vilstrup H 189 Vital Durand D 1260 Vittecoq D 29 Vollset SE 353 von Bogulawski K 426 von der Lippe B 194 Vonk RJ 35 Vorobjova T 864 Vrachassotakis N 396 Vuolteenaho N 163

Wada T 238 Wadström T 864 Wahlqvist P 566 Walkowiak J 202 Wallander M-A 1057 Wallin L 653 Wartiovaara U 170 Waterfall WE 683 Weale AR 337 Wegstapel H 421 Weik C. 1241 Weisberg I 259 Werre JM 276 Wetterhus S 575 Whalley D 509 White J 4 White KLM Wiklund I 566 Wilhelmsen I 103 Willekens FLA 276 Wind P 606 Wiren M 156 Wlk M 1203 Woitas RP 297 Wøjdemann M 845 Woldseth B 1042 Wolman I 315 Wu CY 234 Wyatt JI 856

Xian CJ 591 Xiao F 384 Xu X 591

Yamagata H 703 Yamaguchi H 663 Yamamoto T 180, 280, 708, 1019, 1212 Yamazaki M 1033 Yang H 156 Yano F 948 Yeh HZ 234 Yoshimura T 1077

Zaffoni E 828 Závada F 92 Zilling T 1050

Subject Index

Abdominal surgery 98 Abdominal symptoms 993 Aberrant crypt foci 1216 Aberrant DNA methylation 737 ABO blood group 12 ABO blood group system 1082 Acetaldehyde 967 N-Acetyltransferase 303 Acid 948 Acid perfusion 454 Acid suppression therapy 367 Acquired immunodefiency syndrome 29 Activity of gastritis 864 Acute experimental pancreatitis 92 Acute liver failure 426 Acute pancreatitis 199, 308 Adenocarcinoma 353 Adenoma 414 H⁺/K⁺ adenosine triphosphatase 384 Adhesion 663 Adhesion molecules 1025 Adolescent 591 Adolescents 1236 Aerobic 967 Aetiopathogenesis 623 Age 121 Aging 138 Alcohol 189, 520 Alcohol dehydrogenase 303, 967 Alcoholic liver cirrhosis 623 Aldehyde dehydrogenase 303 Alpha-enolase 1123 Ambulatory combined pHmanometry 676 Amikacin 92 Aminoguanidine 1117 Amoxycillin/clavulanic acid 92 Anaerobic 967 Anal incontinence 315 Aneurysm 1241 Angiography 1171 Anismus 449 Anorectal function 250 Antibacterial activity 135 Antibiotic-associated diarrhoea 580 Antibiotics 974 Anti-endomysial antibodies 1099 Antimicrobials 849 Anti-neutrophil cytoplasmic antibodies 1025, 1123 Antioxidants 361, 1108 Antipyrine clearance 618, 813 Anti-reflux surgery 117 Anxiety 103 APC 611 Apoptosis 129, 375, 798 Appendicitis 46 Arteriovenous malformations 1241 B-Aspartylglycine 580 Asymptomatic 85 Atrophic border 1077 Atrophic gastritis 346 Atrophy 864 Attachment 238 Autoantibodies 623 Autoimmune hepatitis 623 Azoxymethane 1216

Abdominal complaints 898

Barium studies 1247 Barrett oesophagus 1065 Bax 375 BB-10010 68 Bcl-2 375, 798, 1162 Benzodiazepines 1093 Bicarbonate secretion 1093 Bicuculline 1093 Bifidobacterium 144 Bile 516 Bile acids 818 Bile acid to phospholipid ratio 1042 Biliary colic 421 Bilirubin 653 Biofeedback 449 Biopsy criteria 55 Birth cohort 18 Bleeding 234, 1082 Blood donors 41, 276 Blood flow 894, 1183 Bombesin 1224 Bone loss 696 Bone metabolism 696 Bone mineral density 696, 790, 904 Botulinum toxin 449 Bovine lactoferrin 238 Bowel wall thickness 1103 Brain-gut interaction 478 Breath tests 35, 898, 1153 Butyrate 1087 Bystander effect 1033

CagA 346, 743, 864 CagA protein 856 cagD 981 cagE 981 Calprotectin 50, 1216 Calreticulin 623 Campylobacter jejuni 110 Canalicular membrane 1042 Cardia cancer 353 Cardiac output 921 Caspase-3 129, 915 Catalase 1123 Cats 439 Causes of death 18 Cefoperazone 92 Cell lines 1224 Cell-mediated immunity 98 Cell proliferation 1117, 1224 4'-Chlorodiazepam 1093 Cholecystokinin 25, 404, 845, 1224 Cholecystokinin-8 208 Cholestasis 1042 Cholylsarcosine 818 Chronic bronchitis 828 Chronic esophagitis 948 Chronic gastritis 138 Chronic hepatitis 85 Chronic hepatitis C 194, 928 Chronic inflammatory bowel disease 199 Chronic liver failure 426 Chronic pancreatitis 439, 813, 1171 Cirrhosis 297 C-Ki-ras 798, 1162 Clarithromycin resistance 750 Clinical course 546 Clinical trial 575, 1236

Coculture 1132 Coeliac disease 41, 163, 276, 784, 904, 909, 1099, 1257 Coffee 12 Colectomy 280, 1212 Collagenous colitis 632 Collagenous duodenitis 632 Collagenous gastritis 632 Collagenous gastrobulbitis 632 Colon 409, 765, 915, 1007 Colon cancer 606, 1139 Colonic Crohn disease 1212 Colonic transit time 144 Colonoscopy 4, 73 Color Doppler sonography 1241 Colorectal adenoma 73 Colorectal cancer 73, 103, 1216, 1230 Colorectal carcinoma 798 Colorectal neoplasia 73 Colorectal neoplasms 4, 414, 509 Co-magaldrox (Maalox R) 663 Combination therapy 194 Combined vaccine 1236 Complications 180, 280, 708, 1019, 1212 Computed tomography scan 618 Computerized image analysis 1007 Connective tissue disease 676 Constipation 25, 409, 870, 1196 Constitutive nitric oxide synthase 459 Coprostanol 580 Corticosteroid treatment 790 Costs 566 Crohn disease 55, 175, 280, 287, 471, 591, 623, 703, 708, 790, 1019, 1108, Cross-sectional study 138 Crypt-surface axis 777 Cryptogen 85 Culture 1099 Cystic fibrosis 202 Cytokines 291, 757, 987 Cytosine deaminase 1033

(Deleted in colorectal cancer) 1162 Denmark 974 Depression 103 Dermatitis herpetiformis 163 Desmoid tumours 808 Devazepide 1224 Diabetes mellitus 1196 Diabetic gastroparesis 396 Diagnosis 276, 833 Diarrhoea 29, 409, 541 Diary cards 244 Dietary intake 1108 Disaccharidases 898 Disease activity 1103 Disseminated intravascular coagulation 824 Diverticular disease 683 DNA sequencing 474 Doppler ultrasound 618 Drug metabolism 618, 813 Drug therapy 575 Duct decompression 439 Ductular hepatocytes 426 Duodenal adenomas 611

Duodenal carcinoma 808
Duodenal mucosa 541
Duodenal mucosa-associated lymphoid tissue lymphoma 215
Duodenal ulcer 375, 743
Duodenitis 361
Duodenocutaneous fistula 1019
Duodenogastric reflux 653
Duodenum 1093
Duplex ultrasound 894
Dyspepsia 465, 566, 644, 658, 856
Dysphagia 676
Dysplasia 4, 1162

Electric stimulation 1001 Electroencephalogram 478 Electrogastrography 883 Electrohydraulic lithotripsy 1157 Electromyography 449 End ileostomy 280 Endocrine cells 1007 Endomysial antibodies 41 Endoscopic biopsy 474 Endoscopic findings 465 Endoscopic sclerotherapy 1171 Endoscopic ultrasonography 1178 Endoscopic ultrasound 325 Endoscopy 414, 629, 856 Endothelial injury 287 Endothelin-1 459 Energy 291 Enteral nutrition 98 Enteric nerves 1203 Epidemiology 189, 199, 1230 Epithelial cells 291 Epithelial dysfunction 454 Epithelial restitution 1087 Eradication 644 Erythromycin 396 Escherichia coli 967 Esophageal dysmotility 878 Esophageal variceal hemorrhage 1071 Esophagitis 653 Esophagus motility disorder 676 17β-Estradiol 79 Ethanol 967 Exocrine pancreatic insufficiency 202 Expected mortality 18 Experimental 765 Extracorporeal shock-wave lithotripsy 1157 Extradigestive diseases 828 Extraintestinal complications 1247

Factor V 170 Factor XIII 170, 485 Faecal enema 580 Faecal incontinence 409 Familial adenomatous polyposis 611, 808, 1230 Fat 894 Fat malabsorption 729, 818 Fatty acid pattern 1108 Fecal elastase 202 Fecal elastase 1 729 Fecal flora 144 Fecal occult blood test 73 Ferritin 529 Fertility 185 Fibrinolytic proteins 516 Finland 974

Fish-odour syndrome 524

Fish oils 845
Fistula in ano 1253
Flat tumor 798
Flexible sigmoidoscopy 73
Flow pulses 149
Focal liver lesion 1241
Foetor hepaticus 524
Follow-up 465, 849
Follow-up of gastritis 864
Follow-up studies 509, 566
Food intolerance 784
Fulminant hepatic failure 921
Functional disorders 259
Functional dyspepsia 566, 575, 644
Fundoplication 653

Gallbladder 421 Gallbladder stones 1144 Gamma-aminobutyric acid 1093 Ganglioneuromatosis 331 Gastric acid 845 Gastric and/or gastroesophageal varices 1171 Gastric cancer 353, 644, 1077 Gastric carcinoma 474 Gastric emptying 149, 671, 772 Gastric juice pH 384 Gastric motility 396, 883 Gastric mucosa 129, 459 Gastric outlet obstruction 948 Gastric resection 18 Gastric slow waves 883 Gastric xanthoma 346 Gastrin 384, 845, 1224 Gastritis 361, 471, 632, 658, 743, 954, 981, 987 Gastroduodenal Crohn disease 1019 Gastroenterology Prize for 1999 641 Gastro-oesophageal junction 1065 Gastro-oesophageal reflux 121, 337, 341, Gastro-oesophageal reflux disease 229, 454, 653, 658 Gastrointestinal bleeding 331 Gastrointestinal hormones 1012 Gastrointestinal motility 1012, 1190 Gastrointestinal symptoms 1196 Gastrointestinal tract 331 Gastrostomy, percutaneous 1050 Gastrostomy, surgical 1050 Gene 703 Gene mutations 611 Gene therapy 1033 General practice 391 Gliadin antibodies 41 Glucuronidation 813 Glutathione S-transferase 303 Gluten-free diet 163, 784, 904, 909 Granulocyte marker protein 1216 Granulocytes 50 Granulomatous colitis 1055

Health economics 566
Health-related quality of life 601
Health status 509
Healthy volunteers 121
Heartburn 454
Heat stroke 824
Heat-shock protein 663, 703
Helicobacter pylori 135, 138, 215, 234, 238, 244, 346, 353, 361, 367, 375, 384,

Gut 689

391, 465, 471, 474, 562, 644, 658, 663, 743, 750, 757, 828, 849, 856, 864, 954, 974, 981, 987, 1077, 1082, 1183 Hemochromatosis 529 Hepatic blood flow 921 Hepatic encephalopathy 723 Hepatitis A 1236 Hepatitis B 1236 Hepatitis B virus 714, 934 Hepatitis C virus 432, 714, 934 Hepatitis C virus RNA 194 Hepatocellular carcinoma 432, 737, 934, 1033 Hepatolithiasis 1157 Hepatoma 1071 Hermansky-Pudlak syndrome 1055 Herpes simplex virus thymidine kinase 1033 HFE gene mutation 529 HGC-27 cell line 79 Hiatus hernia 121 High-dose dual therapy 750 Histamine 496 Histology 121 HLA class-II genes 1025 Se-homocholic acid taurine 587 Human immunodeficiency virus 729 Human immunodeficiency virus/ acquired immunodeficiency syndrome 491 Hydrosonography 1247 Hyperglycaemia 396 Hyperthyroidism 618 Hypoxaemia 629

Iceland 974 Idiopathic bile acid malabsorption 587 Idiopathic gastroparesis 396 Ileal brake 149 Ileal pouch-anal anastomosis 404 Ileoanal anastomosis 185, 601 lleocolonic anastomosis 708 Heocolonic resection 708 Ileorectal anastomosis 280, 1212 Immune response 1033 Immunogenicity 1236 Immunohistochemistry 591, 1007 Immunologic status 729 In situ hybridization 432, 591 In vivo 1033 Incidence 189 Indications 849 Indium-111-labelled leucocytes 50 Indocyanine green 618 Indocyanine green clearance 813 Indomethacin 129, 264, 459, 962 Infection 110 Inflammation 287, 987 Inflammatory bowel disease 170, 175, 287, 496, 591, 696, 790, 1025, 1117, 1123, 1247 Inflammatory bowel diseases 485, 1132 Influence of surgical experience 117 Inherited disorders 529 Injury 129, 459 Insulin-like growth factor 904 Interaction 1082 Interface hepatitis 85 Interferon-alpha 928 Interferon-alpha2a 194 Interferon-beta 928 Interleukin-1 receptor antagonist 1139

Interleukin-1 \(\beta \) interleukin-1 receptor antagonist gene polymorphisms 175 Interleukin-4 459, 987 Interleukin-6 1139 Interleukin-8 663 Interstitial pressure 439 Intestinal epithelium 485, 1132 Intestinal function 491 Intestinal infection 491 Intestinal inflammation 491 Intestinal metaplasia 562 Intestinal motility 671 Intestinal mucosa 889 Intestinal permeability 29 Intestinal polyps 4 Intraepithelial lymphocytes 163 Intragastric acidity 551 Intragastric pH 341, 671 Intravital microscopy 1183 Iron 529 Irritable bowel disease 50 Irritable bowel syndrome 250, 259, 478, 993, 1001, 1190 Ischaemia 439

Jejunoileal Crohn disease 180

spectrometry 1153

Isotope ratio mass spectrometry 1153

Isotope selective non-dispersive infrared

K-ras mutation 611 Kappa coefficient 46 Ki-67 798 Kidney function 297 Knowledge uptake 974

L-365, 260 1224 Labor 315 Lactate 308 Lactoferrin 1123 Lactose 35 Lactosucrose 264 Lansoprazole 341, 551 Laser capture microdissection 954 Laser lithotripsy 1157 Laser-Doppler flowmetry 1183 Leptin 954 Leptin receptor 954 Lewis blood group 12 Ligation 1071 Linear stapler 708 Liver biopsy 85 Liver blood flow 618 Liver circulation 921 Liver cirrhosis 520, 1241 Liver-derived enzymes 189 Liver disease 883 Liver disease odour 524 Liver failure 824 Liver function 520 Liver plasma flow 813 Liver transplantation 535, 824 Liver volume 618 Lodoxamide 1203 Logistic regression model 1144 Long-term 1071 Long-term results 117 Lupus 889 Lymph node cavitation 1257 Lymphadenopathy 215 Lymphocytic colitis 110

Lymphoid nodules 504

Macrophage inflammatory protein-1 alpha 68 Magnetic resonance imaging 1253 Malabsorption 29, 541, 898 Mast cells 1183, 1203 Meal 25 Medical treatment 229, 1019 Menstrual cycle 772 Meta-analysis 244 Metallothionein 689 Methylated in cancer-1 737 Methyltransferase 737 Microadenoma 4 Microaerobic 967 Microflora 264, 580 Migrating motor complex 1012 Migration 1132 Mitochondrial phosphorylation 291 Mixed infections 743 ¹³C mixed-triglycerides 1153 Model 723 Molecular genetics 170 Mononuclear cells 889 Mortality 18, 229, 808 Motilin 25 Motility 421, 683 Mucin 580 Mucosal barrier 1087 Mucosal mast cells 496 Multistep carcinogenesis 737 Multitest E CMI 98 Muscimol 1093 Mushrooms 898 Myocardial ischaemia 629 Myogenic control 683 Myopathy 878 Myotonic dystrophy 878

NaCl absorption 777 Natural killer phenotype 445 Neoplasms 103 Neostigmine 478 Nested case-control study 353 Neurofibromatosis 331 Neuropathy 878 Neurotensin 25 Nissen fundoplication 117 Nitrate 297 Nitric oxide 297, 1117, 1183 Nitric oxide synthase 129 Non-alcoholic steatohepatitis 85 Non-cardiac chest pain 676 Non-polypoid adenomas 504 Non-steroidal anti-inflammatory drugs 234, 1082 Non-ulcer dyspepsia 244, 546, 566, 644 Normal 121 Norway 974 Nucleation 516 Nutritional status 29, 729

Observer variation 46
Obstruction 1019
Oesophageal cancer 1178
Ofloxacin 92
Oleic acid 894
Oleyl alcohol 894
Omeprazole 341, 459, 575, 671
On-demand treatment 341

Organobismuth compounds
Ornithine decarboxylase
Ortho-vanadate
Osteoporosis
Osteoporosis
Osteoporosis
Overdose
Overdose
Overdose
Oxazepam clearance
Oxidation
Oxidation
Oxiden
Oxygen

p16^{INK4} 737 p21^{WAFL/CIP1} 737, 1162 p27^{Kip1} 737 p53 737, 798, 1162 p53 mutation 474 Pancreas 439 Pancreatic abscess 939 Pancreatic acini 208 Pancreatic cancer 833, 1224 Pancreatic function 729 Pancreatic interstitial pH 439 Pancreatic microvascular blood flow 439 Pancreatic polypeptide 25 Pancreatic secretion 541 Paracetamol 723 Pathophysiology of the pancreas 541 Pelvic pouch 601 Pepsinogen 346 Pepsinogen I 856 Peptic ulcer 12, 135, 234, 644, 1082 Peptic ulcer perforation 18 31-43 peptide 1099 56-68 peptide 1099 Peptide YY 404 Periampullary carcinoma 808 Peripheral blood mononuclear cells 1132 Peritoneal cytology 606 Peritoneal washing 606 Permeability 156, 1087 Pharmacokinetics 341, 618, 813 Phospholipids 1108 Pigs 1042 Piperacillin 92 PK 11195 1093 Plasma 25 Plasma gastrin 551 Platelet-activating factor 1183 Polyamines 79 Polymorphism 703, 1025 Polymorphonuclear leukocytes 1216 Polyps 103, 414 Population study 73 Population surveillance 103, 414 Portal vein flow 618 Portal venous flow 325 Potassium channels 962 Precancerous condition 1065 Preoperative staging 1178 Prevalence 41, 189, 276, 658, 1196 Primary biliary cirrhosis 623, 714 Primary care 391 Primary sclerosing cholangitis 535, 714 Proctectomy 280 Proctocolectomy 404, 1212 Prognosis 546, 587, 723 Proliferation 68 Propionibacterium 144 Prospective study 1144

Prostaglandins 1203 Proton pump inhibitor 948 Psychometric tests 244

Quality of life 103, 244, 509, 535, 566

Radiopaque marker 1190 Radioprotection 68 Randomized trial 73 Rats 504, 689, 948, 962, 1183 Reactogenicity 1236 Rebleeding 1071 Rectum 409 Recurrence 180, 280, 708 Recurrence rate 1212 Referred pain 765 Reflux 1065 Reflux disease 676 Reflux esophagitis 948 Regurgitation 948 Reoperation 1019 Restitution 485 Restorative proctocolectomy 185 Retinoblastoma gene 737 Reverse transcription polymerase chain reaction 375 Review 833 Ribavirin 194, 928 Risk factor for recurrence 280 Risk factors 315, 535

Saudi Arabia 562 Scintigraphic gastric emptying 396 Scintigraphy 671 Sclerotherapy 1071 Screening 73, 103 Secretin 845 Secretor status 12 Sense of coherence 259 Serology 276, 391 Serotonin 1007 Sex 121, 1230 Sex differences 772 Sex hormones 772 Sexual functions 185 Shiga toxin 777 Short Barrett 1065 Short-bowel syndrome 818 Short-chain fatty acids 149, 777 Short-circuit current 1203 Sinistral hypertension 1171 Slow-transit constipation 1007 Slow-wave burst 478 Small bowel 889, 1247 Small-bowel cancer 1162 Small intestine 68, 156, 264 Smoking 12, 18, 353 Smooth muscle 683 Social class 12 Socioeconomy 353 Somatostatin 25 Southern blot 375 Spastic pelvic floor syndrome 449 Specialized columnar epithelium 1065 Spectrophotometry 653 Sphingomyelinase 915 Spider angioma 520 Splanchnic blood flow 921 Splanchnic circulation 308 Splenectomy 1171 Splenic artery embolization 1171

Splenic-vein thrombosis 1171 Spontaneous drainage 939 Stable isotope technique 1153 Stable isotopes 35 Stapled anastomosis 708 Starvation 156 Steatocrit 729 Steatosis 85 Steinert disease 878 Stomach 445, 883, 939 Stomach ulceration 962 Stress parameter 629 Stress proteins 623 Stress response 629 Strictureplasty 180 Stromal tumor 331 Subgroups 993 Sucralfate 459 Sugar 12 Superficial spreading tumor 798 Superior mesenteric artery 894 Surgery 156, 1171 Surgical treatment 1019 Survey 849 Sutured anastomosis 708 Sweden 974 Swine 325 Symptom assessment 870 Symptomatic outcome 1144 Synchronous bowel resection 180 Systemic sclerosis 409

Tablet-based urea breath test 367 T-cell lymphoma 445 Tea 12 Telangiectasia 1241 Terlipressin 325 Therapy 644, 849, 1108 Tissue-plasminogen activator 516 T lymphocytes 757 Tongues 1065 Tonometry 308 Transaminitis 85 Transferrin saturation 529 Transforming growth factor-x 591 Transforming growth factor- β 485, 591 Transit time ultrasound 325 Transmural potential differences 454 Transpyloric flow 149 Trehalase 898 Trehalose 898 Trimethylamine 524 Trinitrobenzene sulphonic acid-induced colitis 1117 Trioleate 845 Triple therapy 750 Tryptic activity 580 Tubulovillous adenoma 798 Tumor immunity 1033 Tumour markers 426, 833 Tumour necrosis factor 1025 Tyrosine phosphatase inhibitor 208

Ulcer 981 Ulceration 1019 Ulcerative colitis 55, 175, 185, 287, 291, 535, 591, 601, 790, 1055, 1103 Ulcer disease 1093 Ultrasound 421, 790, 1103 Ultrasound 421, 790, 1103 Urobilinogen 580 Ursodeoxycholic acid 915 Ussing chamber 156

vacA 981
VacA genotype 743
VacA protein 856
Vagotomy 465
Validity 870
Vanadate 208
Vascular resistance 921
Villous atrophy 909
Visceral hyperalgesia 1001
Visceral pain 765
Vitamin C 361
von Willebrand factor 287

Weight loss 337 Western blot 375 Western blotting 856 Wheat starch 163 Witzel fistula 1050 Women 315 Wound healing 485, 1132

Yersiniosis 623

Zinc 689 Zinquin 689 Z-line 1065 Zona serrata 1065

